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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2009

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

180.00

**Complete if Known**

Application Number	10/720,077	Conf. No.: 4939
Filing Date	November 25, 2003	
First Named Inventor	Jong Seok KIM	
Examiner Name	J. M. Heckert	
Art Unit	1792	
Attorney Docket No.	0465-1081P	

**METHOD OF PAYMENT** (check all that apply)

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 02-2448 Deposit Account Name: \_\_\_\_\_

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments

under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)
Utility	330	165	540	270	220	110
Design	220	110	100	50	140	70
Plant	220	110	330	165	170	85
Reissue	330	165	540	270	650	325
Provisional	220	110	0	0	0	0

**2. EXCESS CLAIM FEES**Fee Description

Each claim over 20 (including Reissues)

Small EntityFee (\$)

52

26

Each independent claim over 3 (including Reissues)

220

110

Multiple dependent claims

390

195

Total ClaimsExtra Claims Fee (\$) Fee Paid (\$)- 20 or HP = 0 x    = 0.00

HP = highest number of total claims paid for, if greater than 20.

Multiple Dependent ClaimsFee (\$) Fee Paid (\$)Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)- 3 or HP = 0 x    = 0.00

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)- 100 = 0 / 50 = 0 (round up to a whole number) x    = 0.00**4. OTHER FEE(S)**

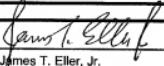
Non-English Specification, \$130 fee (no small entity discount)

Fee Paid (\$)

Other (e.g., late filing surcharge): Information Disclosure Statement

180.00

**SUBMITTED BY**

Signature		Registration No. 39538 (Attorney/Agent)	Telephone 703-205-8000
Name (Print/Type)	James T. Eller, Jr.	C.M.	Date March 9, 2010

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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